

Book of Abstracts



Henri Coanda
Air Force Academy
Brasov, Romania

The 21st Students' International Conference

Communicating across Cultures

March 28 – 30, 2019
Brasov, Romania

Conference Agenda

THURSDAY, March 28, 2019

16.00 hrs – 22.00 hrs	Arrival of delegations/ "Henri Coanda" Air Force Academy
19.00 hrs – 22.00 hrs	Ice breaker / Students' Dining Facility (all participants are invited/dress code: smart casual)

FRIDAY, March 29, 2019

07.00 hrs – 08.00 hrs	Breakfast (Students’ Dining Facility)				
08.00 hrs – 08.30 hrs	Welcoming and registration (<i>antechamber of Academy Auditorium</i>)				
08.30 hrs – 08.50 hrs	Official Opening of the International Conference “Communicating across Cultures” AFASTUD’19 (<i>Academy Auditorium</i>)				
8.50 hrs – 9.00 hrs	Photo Session (<i>In front of Bdg A1</i>)				
9.00 hrs – 13.00 hrs	Panels (I)	Weapons & Defence technology <i>E - 31</i>	Fundamental sciences & Engineering <i>E – 39,E - 44</i>	Humanities & Social sciences <i>E – 77, E - 78</i>	Military sciences & Management <i>E - 73</i>
13.00 hrs – 14.00 hrs	Lunch/ Students’ Dining Facility (Students’ Dining Facility)				
14.00 hrs – 16.00 hrs	Panels (II)	Weapons & Defence technology <i>E - 31</i>	Fundamental Sciences & Engineering <i>E – 39,E - 44</i>	Humanities & Social Sciences <i>E – 77, E - 78</i>	Military Sciences & Management <i>E - 73</i>
16.30 hrs – 17.00 hrs	Closing of the International Conference “Communicating across Cultures” AFASTUD’19/ “Henri Coanda” Air Force Academy’s (<i>Academy Auditorium</i>)				
19.00 hrs – 02.00 hrs	Students’ Official Dinner (Students’ Dining Facility)				

Conference Panels

	Page.
1. MILITARY SCIENCES & MANAGEMENT	11
2. WEAPONS & DEFENSE TECHNOLOGY	22
3. HUMANITIES & SOCIAL SCIENCES	34
4. FUNDAMENTAL SCIENCES & ENGINEERING	48

meteorology, there is a clear distinction between storms and thunderstorms. The meteorological meaning of the word "storm" is given by the wind intensities without being accompanied by electrical discharges. Instead, the term of "thunderstorm" includes both the high instability of the air, and the presence of Cumulonimbus clouds accompanied by electrical discharges and rain showers.

Stress Factors that Affect the Aeronautical Personnel

Georgiana Jitariu

"Henri Coandă" Air Force Academy, Braşov, Romania

Stress represents an important problem in many countries. No matter if you are a civilian or a service member, stress displays the same manifestations. Selye H. claims that one's stress-free state is called death: which means that stress is actually a normal and permanent part of our life. What matters is the type of stress we live with everyday: eustress or distress.

But what does this term actually mean? And how can it influence our daily activities especially in military world? - The answer is meant to be found in the present paper that attempt to make a comparison between different branches of the air force, according to the stress factors.

Et in Regatta Ego. The Tall Ship Races - My First Sailing Experience at Sea

Mihnea Alexandru Moise

"Mircea cel Batran" Naval Academy, Constanta, Romania

This paper is about The Tall Ship Races and Regattas, events organized by the Sail Training International, an international sail training organisation, with members in 29 countries, Romania included. Romania hosted it as early as 3 years ago when I had the opportunity to participate. Therefore, the following contribution is my personal account of this unique sailing experience. Firstly, I will present in full details what this sailing race and the organization is all about. Secondly, I will introduce you to what the actual life at sea means, with its ups and downs, troubles and joys.

Finally, my involvement in this regatta provided me with several lessons learned, such as the value of teamwork, commitment and friendship.

The Possible Methods of Stress Management in Air Traffic Controlling and its Importance in Aviation Safety

Bernadett Molnár

Department of Aerospace Controller and Pilot Training, Institute of Military Aviation, Szolnok, Hungary

When investigating aviation safety, it is essential to examine the risk factors – such as natural conditions, technical equipment, infrastructure, etc. - where the human factor occupies a prominent position. Over the last decades the impact of technology and its uses in aviation has grown at an exceptionally high rate, resulting in that more and more functions have been taken over by machines, but the presence of humans is still the most common cause of aircraft incidents nowadays. One of the most significant human roles is that of the air traffic controller, who is aware of the present air traffic situation and makes air transportation safe by providing instructions to the pilots while respecting the regulations. In the process of air traffic controlling, executing parallel tasks is required, which causes more stress with the increase of air traffic. Improper handling of stress leads to mistakes.

IDENTITIES

Anca Moraru

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Psychologically, the basis of identity is the acceptance of a self that retains certain properties like beliefs, personality and values. The self retains a self-image which is a mental model of the self. This self-identity must by necessity be unique – that is, different from other selves – and be persistent – what is past and will be future is also true in the present. Some argue that self-identity is only possible in a being that is self-reflective or self-aware, capable of reflecting on its own existence and behavior. Finally, self-identity serves to support self-esteem and vice versa. A key element of being able to exist successfully is a sense of our own worth or value. We pursue that which increases our self-esteem and avoid threats to it. That is, we accept who we are.

From a sociological point of view, self-identity is related to the roles we perform and the behavior we adopt in the performing of those roles. Identity is a feature of social interaction. People learn their roles through social interaction, in other words through experience-action and feedback. We develop social identities. This process of interaction is known as identity negotiation. Through interaction we develop meanings for identity. For example, if you are born with black skin you will experience the meaning of that identity through living with others. Social identities are the collection of group memberships that define the individual. That is, who we are in interaction with others.